

Thursday, May 11, 2017 9:14:07 AM

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Item ID:	D350-607-511	Accept	*N900040100*	Setup	Start	*NS1*
Revision ID:						
Item Name:	AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH			Stop		*NS2*
Start Date:	5/11/2017	Start Qty:	6.00	Cust Item ID:		
Required Date:	5/19/2017	Req'd Qty:	6.00	Customer:		
Reference:	SCHEDULED/S	DAS				
		21				
		9-89				
Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start
		MAY 11 2017				*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop	*NR2*

[illegible]

Work Order ID 161332

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Item ID: D350-607-511 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH
Start Date: 5/11/2017 Start Qty: 6.00 ***6*** Cust Item ID:
Required Date: 5/19/2017 Req'd Qty: 6.00 ***6*** Customer:
Reference: SCHEDULED/S

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC4- 100% Inspect kits for completeness	0.00							
150									
QC	Memo	0.18				6	DAS 28 9-89		MAY 25 2017
Quality Control									
160	Identify as per dwg & Stock Location: _____	0.00							
160	Packaging								
Packaging	Memo	0.00				6	DAS 28 9-89		MAY 25 2017
Packaging	Identify and pack for shipping as per PPP D350-607-511 Location: <u>Eg 129</u>								
170	QC21- Final Inspection - Work Order Release	0.00							
170									
QC	Memo	0.60					DAS 21 9-89		MAY 25 2017
Quality Control									
							DAS 21 9-89		MAY 25 2017

Picklist Print

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Work Order ID: 161332

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Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 5/11/2017

Required Date: 5/19/2017

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP REV:A NEW ISSUE 10-06-28 JLM VERIFIED BY: LL IPP
REV:B 13.12.30 PER RE.C ECN13-672 DD VERF:RQ IPP REV:C
14.06.09 AS PER ECN14-572 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3910-7 *D3910-7* Crosstube Lug		Manufactured	No			140	Each	33.0000	1 **	6	DAS 6 9-89	MAY 23 2017 DAS 27 9-89	
				<u>Location</u>				<u>Loc Qty</u>					
				ST520				20					
				159716				20					
				ST524				13					
				154446				13					
D3501-1 *D3501-1* Bushing		Manufactured	No			140	Each	309.0000	8 **	48	DAS 6 9-89	MAY 23 2017 DAS 27 9-89	
				<u>Location</u>				<u>Loc Qty</u>					
				ST037				107					
				157301				107					
				ST038A				202					
				152871				0					
				159311				202					
D3910-3 *D3910-3* Crosstube Lug		Manufactured	No			140	Each	12.0000	2 **	12	DAS 6 9-89	MAY 23 2017 DAS 27 9-89	
				<u>Location</u>				<u>Loc Qty</u>					
				ST523				12					
				155438				12					

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Work Order ID: 161332

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Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 5/11/2017

Required Date: 5/19/2017

D3910-5

Manufactured No

140

Each

34.0000

Start Qty: 6.00

Required Qty: 6.00

D3910-5

Crosstube Lug

**

DAS
6
9-89

DAS
27
9-89

MAY 23 2017

Location

Loc Qty

Loc Code

ST524

34

154445

14

159715

20

D3984

Manufactured No

140

f

85.0000

2

12

D3984

Rubber Extrusion, Crosstube (\$ per foot)

**

DAS
6
9-89

MAY 23 2017

Location

Loc Qty

Loc Code

ST413

0.5

139666

0.5

ST625

84.5

140331

84.5

CUT (8) AT 3.00" LONG

D4148-041

Manufactured No

140

Each

9.0000

1

6

D4148-041

Fwd Crosstube Lug Assembly

**

DAS
6
9-89

MAY 23 2017

Location

Loc Qty

Loc Code

ST539

5

155790

1

160702

4

ST539A

4

158126

4

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Work Order ID: 161332

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Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 5/11/2017

Required Date: 5/19/2017

D4149-041

Manufactured No

140

Each

7.0000

Start Qty: 6.00

Required Qty: 6.00

D4149-041

Aft Crosstube Lug Assembly

**

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

ST539

4

160703

4

ST539A

3

159056

3

D4775-041

Manufactured No

140

Each

28.0000

2

12

D4775-041

Strut Assembly

**

DAS
6
9-89

MAY 23 2017

DA
2
9-

Location

Loc Qty

Loc Code

ST357

28

156479

8

160077

20

D4776-3

Manufactured No

140

Each

39.0000

2

12

D4776-3

Skidtube Clevis

**

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

ST124

39

156931

19

158633

20

AN4-14A

Purchased No

140

Each

399.0000

20

120

AN4-14A

Bolt

**

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

5

122141

5

ST344

394

M137371

394

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Work Order ID: 161332

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Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 5/11/2017

Required Date: 5/19/2017

AN4-42A

Purchased

No

140

Each

108.0000 Start Qty: 6.00 4 24

Required Qty: 6.00

AN4-42A

Bolt

**

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

over003

80

M136148

0

M137371

80

ST341

28

M136665

8

M136838

20

AN6-13A

Purchased

No

140

Each

70.0000 2 12

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

AN6-13A

BOLT

**

Location

Loc Qty

Loc Code

ST335

40

m136851

20

m137464

20

ST355

30

m137391

30

MS21042L4

Purchased

No

140

Each

2,876.000 24 144

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

MS21042L4

Nut

**

Location

Loc Qty

Loc Code

FP001

10

m133363

10

GA

148

m135058

148

OVER007

1400

m137371

1000

m137402

400

ST303

1318

m137321

1318

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Work Order ID: 161332

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Parent Item: D350-607-511

D350-607-511

Parent Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH

Start Date: 5/11/2017

Required Date: 5/19/2017

MS21042L6

Purchased No

140 Each

196.0000 Start Qty: 6.00 2 12

Required Qty: 6.00

MS21042L6

Nut

**

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

OVER007

100

m137361

100

ST303

50

m137075

50

ST313

46

m136986

46

NAS1149F0432P

Purchased No

140 Each

2,223.000 40 240

NAS1149F0432P

WASHER

**

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST260a

2000

M137361

1000

M137412

1000

ST262

223

M136442

223

NAS1149F0663P

Purchased No

140 Each

126.0000 4 24

NAS1149F0663P

WASHER

**

DAS
6
9-89

MAY 23 2017

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST2622

126

M136263

126

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Shop Packet Print

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3.0 PROCEDURE:

Install the D350-607-501 Conversion Kit, D350-607-511 Quick Release Mounting Kit or D350-607-431 Strut retrofit kit per Installation Instructions D350-607-3 Rev. D or D350-607-4 Rev. C. While installing the Forward Strut perform the following:

- 3.1 Substitute the Forward Lower D3910-5 X-Tube Lug with the D3910-7 X-Tube Lug as shown in Figure 1.
- 3.2 Install the forward D4775-041 Strut Assembly. Transfer mark from the upper hole on the clevis of the D4775-041 Strut Assembly to the D3910-7 X-tube Lug and drill thru the lug $\varnothing 0.257$ - $\varnothing 0.261$ as shown in Figure 1. Touch up chemical conversion coating per MIL-DTL-5541. Check the witness holes located at the bottom end of the D4775-041 Strut Assemblies to ensure that the thread from the rod end extends past the witness hole.
Torque MS21042L4/-4 nuts to 50-70 in-lbs (5.7-7.9 N-m). Torque MS21042L6/-6 nuts to 160-190 in-lbs (18.1-21.5 N-m).
- 3.3 Complete the installation in accordance with Installation Instructions D350-607-3 Rev. D or D350-607-4 Rev. C.

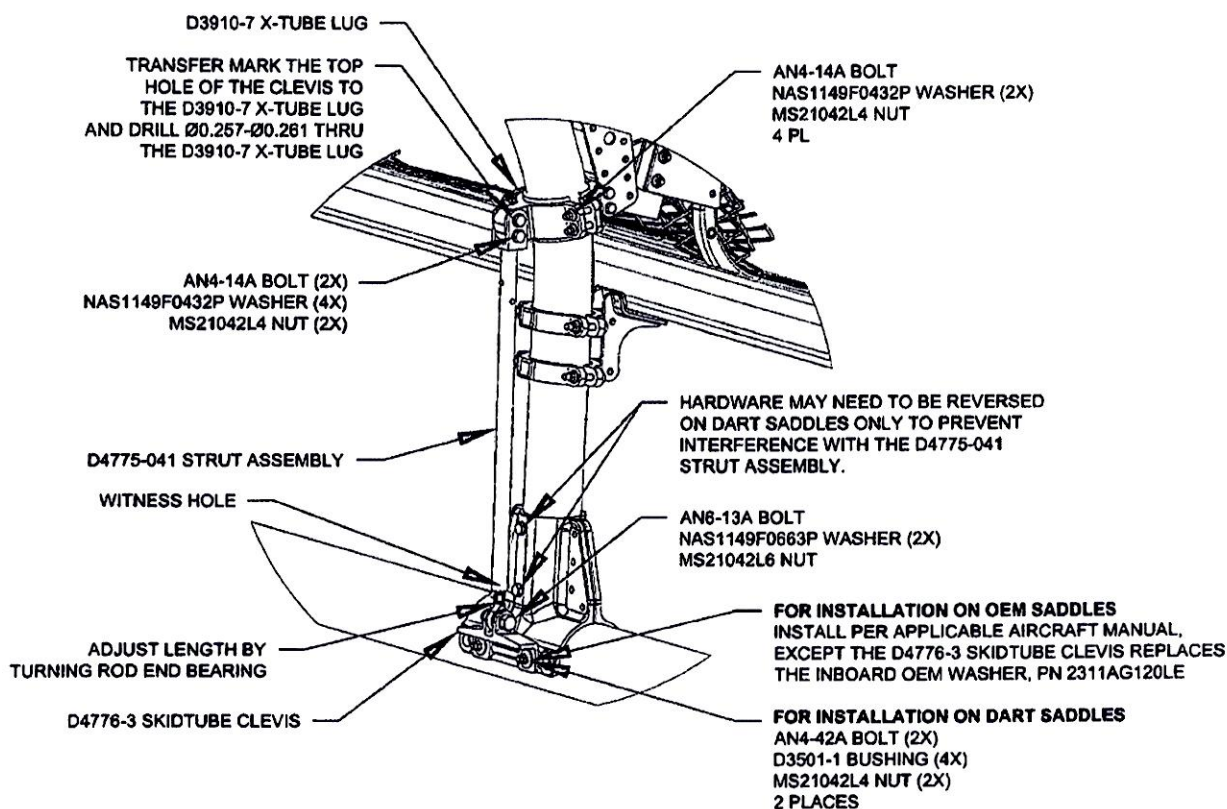


FIGURE 1: INSTALLATION OF D4775-041 FWD STRUT

4.0 WEIGHT AND BALANCE:

There is no weight and balance change associated with this update.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 14.05.16
CERT. NO.: SH94-14
ISSUE NO.: 6

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9699	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LUG REPLACEMENT	NTS
DATE	14.05.16	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

REFERENCE ONLY

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-3 Rev.D,
INSTALLATION INSTRUCTIONS D350-607-4 Rev. C AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-607 REV. 6

REF TCCA STC: SH94-14

REF FAA STC: SR00213NY

REF EASA STC: EASA.10016996

REF BRAZILIAN STC: 2007S03-03/-04/-05/-06

1.0 PURPOSE

This service instruction provides parts and instructions to facilitate installation of forward Basket Strut for customers that have purchased: D350-607-501 Conversion Kit @ CHG 004, D350-607-511 Quick Release Basket Mounting Kit @ CHG 004, D350-607-541 @ CHG 006, D350-607-543 @ CHG 007, D350-607-545 @ CHG 006, D350-607-547 @ CHG 007 Heli-Utility-Baskets as well as the D350-607-431 Strut Retrofit Kit and the D350-607-641 Long Cargo Tube @ CHG 001.

2.0 PARTS LIST:

Modify the quantities for D3910-5 and add D3910-7 as follows:

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET @ CHG 007 OR LATER
	X					D350-607-543	HELI-UTILITY-BASKET @ CHG 008 OR LATER
		X				D350-607-545	HELI-UTILITY-BASKET @ CHG 007 OR LATER
			X			D350-607-547	HELI-UTILITY-BASKET @ CHG 005 OR LATER
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT @ CHG 005 OR LATER
					X	D350-607-501	CONVERSION KIT @ CHG 005 OR LATER
				1	1	D3910-5	X-TUBE LUG
				1	1	D3910-7	X-TUBE LUG

(ADD)

QTY -413	QTY -415	QTY -417	QTY -419	QTY -431	PART NUMBER	DESCRIPTION
X					D350-607-413	HEAVY DUTY LID KIT (LONG)
	X				D350-607-415	HEAVY DUTY LID KIT (SHORT)
		X			D350-607-417	LIGHTWEIGHT LID KIT (LONG)
			X		D350-607-419	LIGHTWEIGHT LID KIT (SHORT)
				X	D350-607-431	STRUT RETROFIT KIT @ CHG 005 OR LATER
				1	D3910-5	X-TUBE LUG
				1	D3910-7	X-TUBE LUG

(ADD)

QTY -641	QTY -611	QTY -511	QTY -431	PART NUMBER	DESCRIPTION
X				D350-607-641	QUICK RELEASE LONG CARGO TUBE
1	X			D350-607-611	LONG CARGO TUBE
1		X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT @ CHG 005 OR LATER
			X	D350-607-431	STRUT RETROFIT KIT @ CHG 005 OR LATER
		1	1	D3910-5	X-TUBE LUG
		1	1	D3910-7	X-TUBE LUG

(ADD)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.05.16
CERT. NO.: SH94-14
ISSUE NO.: 6

A	NEW ISSUE	AJS	14.05.16
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9699	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		LUG REPLACEMENT	NTS
DATE	14.05.16	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

5.0 PARTS LIST

QTY -641	QTY -611	QTY -511	QTY -431	PART NUMBER	DESCRIPTION
X				D350-607-641	QUICK RELEASE LONG CARGO TUBE
1	X			D350-607-611	LONG CARGO TUBE
1		X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
			X	D350-607-431	STRUT RETROFIT KIT
		8	8	D3501-1	BUSHING
		2		D3910-3	X-TUBE LUG
		2	2	D3910-5	X-TUBE LUG
1				D3912-041	EYEBOLT RECEIVER ASSY
4				D3917-3	WASHER
		8	4	D3984-030	RUBBER EXTRUSION, X-TUBE
		1		D4148-041	FWD X-TUBE LUG ASSY
		1		D4149-041	AFT X-TUBE LUG ASSY
1				D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
		2	2	D4775-041	STRUT ASSEMBLY
		2	2	D4776-3	SKIDTUBE CLEVIS
1				D4874-041	CARGO TUBE ASSEMBLY
1				D4875-043	CARGO TUBE AFT STRUT
1				D4875-045	FWD ATTACHMENT CLEVIS
			1	D4917-300	PLACARD MAX LOAD
			1	D4917-310	PLACARD MAX LOAD
			1	D4917-315	PLACARD, MAX LOAD
			1	D4917-320	PLACARD, MAX LOAD
			1	D4917-332	PLACARD, MAX LOAD
1				D5028-041	PLUG ASSEMBLY
1				D5031-041	LOCK PIN ASSY
2				AN310-4	CASTLE NUT
2				AN4-11	BOLT
4				AN4-13A	BOLT
		20	12	AN4-14A	BOLT
		4	4	AN4-42A	BOLT
		2	2	AN6-13A	BOLT
4		24	16	MS21042L4	NUT
		2	2	MS21042L6	NUT
2				MS24665-151	COTTER PIN
20		40	24	NAS1149F0432P	WASHER
		4	4	NAS1149F0663P	WASHER

Work Order ID 161332

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Item ID: D350-607-511 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH
 Start Date: 5/11/2017 Start Qty: 6.00 *6* Cust Item ID:
 Required Date: 5/19/2017 Req'd Qty: 6.00 *6* Customer:
 Reference: SCHEDULED/S

Approvals: Process Plan: _____ Date: MAY 11 2017 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-607-4	C	MAY 23 2017							
DSI9699	A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-607-511 CHIG006								
140	Pick Kit	0.00							
140									
Packaging	Memo	0.00							
Packaging									

CB 6 MAY 25 2017



Transport Canada Transports Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario
Canada K6A 1K7

Number: SH94-14

Issue No.: 7

Approval Date: May 20, 1994

Issue Date: April 29, 2015

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

Airbus Helicopters AS 350 B, B1, B2, B3, BA, D; AS 355 E, F, F1, F2, N, NP; EC 130 B4 and T2.

Canadian Type Certificate or Equivalent:

H-83 (AS 350 Series, EC 130 B4 and T2)
H-87 (AS 355 Series)

Description of Type Design Change:

Heli-Utility Basket and Long Cargo Tube Installation

**Installation/Operating Data,
Required Equipment and Limitations:**

AS 350/355 models

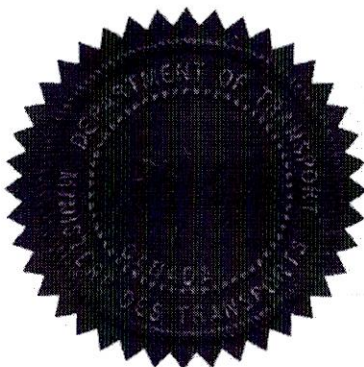
Installation of the Heli-Utility Basket and Long Cargo Tube kits must be in accordance with Transport Canada Civil Aviation (TCCA) approved Dart Aerospace Ltd. D350-607 Revision J, dated December 6, 2013 or later TCCA approved revision.

Maintenance of the Heli-Utility Basket and Long Cargo Tube kits must be in accordance with TCCA accepted Dart Aerospace Ltd. ICA-D350-607 Revision 5, dated December 2, 2013 or later TCCA accepted revision.

Operation of the Heli-Utility Basket and Long Cargo Tube kits on AS 350 models must be in accordance with TCCA approved Dart Aerospace Ltd. Flight Manual Supplement FMS-D350-607 Revision G, dated December 6, 2013 or later TCCA approved revision.

Operation of the Heli-Utility Basket and Long Cargo Tube kits on AS 355 models must be in accordance with TCCA approved Dart Aerospace Ltd. Flight Manual Supplement FMS-D355-607 Revision G, dated December 6, 2013 or later TCCA approved revision.

- See Continuation Sheet -



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

Scott W. Wales
For Minister of Transport

Canada